Abhay Kumar

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LinkedIn | GitHub | LeetCode | GeeksForGeeks

EDUCATION

Heritage Institute of Technology, B-tech Electronics and Communications Engineering, 8.70 CGPA   2020-2024

Kendriya Vidyalaya Kankarbagh, All India Senior School Certificate Examination-CBSE, 84.8%   2019

Kendriya Vidyalaya Siwan All India Secondary School Examination- CBSE, 10 C.G.P.A   2017

WORK EXPERIENCE

Tata Consultancy Services - TCS BaNCS

Software Developer - **Java**, **Spring-boot**, **Angular**, **Hibernate**, **Micro services**, **PostgresSQL**   July 2024-Present

- Maintained and enhanced large-scale AngularJS modules in Policy and Claim Management sections of the TCS BaNCS insurance platform, fixing UI bugs and improving component performance.
- Built and integrated RESTful APIs with Spring Boot, implementing complex CRUD operations, file upload/download handlers, XML generation, and Excel read/write utilities.
- Worked on Spring Boot microservices, both independently and as part of larger distributed systems using REST communication and environment-based configurations.
- Utilised Hibernate (JPA) and JDBC for data persistence, writing optimised queries and composite indexes in PostgreSQL to improve query execution times.

PROJECTS

E-Commerce Web Application- Link

- Developed a eCommerce Web App and implemented key features such as user authentication, ebook browsing-filtering and ordering functionality. Additionally, Integrated with sleek dark mode theme.
- Utilised React Context API to efficiently manage application state and provide a seamless user experience. Used `db.json` to store order information for each user.
- *Tech stack used:* **React Js**, **JSON-Server**, **JavaScript**, **Context-API**, **Tailwind CSS**.

Personal Portfolio Web Website- Link

- Developed a personal portfolio web Application using React Js.
- Integrated Web3Forms API to enable secure contact form submissions and automated email notifications on personal portfolio website, enhancing user engagement and communication.
- *Tech stack used:* **React Js, Tailwind CSS, Web3Forms API**.

Movie Information Web Application- Link

- This web application provides users with comprehensive information about movies, including title, release date, genre, plot synopsis, ratings, and reviews.
- This application is responsive and it has a user-friendly interface that makes it easy for users to find the movies they are looking for and learn more about them.
- *Tech stack used:* **React**, **Tailwind CSS**, **TMDB-API**.

SKILLS

Programming Languages: Core Java , Javascript/Typescript, C++ (Beginner)
Database and Language: MySQL, Postgres SQL
Frameworks and Libraries: Spring boot, Spring MVC,Hibernate,Spring Data JPA,Angular, React JS
Version Control Tools and IDE: Git, Github, Tortoise Git, WinSCP, Visual Studio Code**,** IntelliJ, Eclipse
Soft Skills: Communication, Planning and Teamwork.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- **AIR 1531 in Codevita Round 2 2023-2024**
- **Solved 500+ Problems on LeetCode and GeeksForGeeks**